

No. 1

Birds - Coglaamie

1882-3.

Murdoch. Point Barrow Exped.

Division of Birds



Catalogue of Birds -
Point Barrow Expedition -
John Murdock.

- 134 *Plectrophanes nivalis* ♂ - 6.75, 12.75, 4.55. April 9th 1882 1.
Shot close to the station - Almost on bare ground.
- 236 *Plectrophanes nivalis* ♂ - 6.95, 12.95, 4.50 May 8th 1882 2.
Shot close to the station - Ground as before.
- 237 *Plectrophanes nivalis* ♂ - 6.75, 11.85, 4.30 May 8th 1882 3.
Shot close to station.
- 252 *Somatia Spectabilis* ♂ 22.0, 37.75, 11.50 May 11th 1882 4.
Lighter on ice close to station, coming from S. alone
- 253 *Somatia Spectabilis* ♂ 22.38, 39.70, 11.62 May 11th 1882 5.
Found by a native & handed.
- 258 *Somatia Spectabilis* ♂ 22.38, 39.10, 11.50 May 12th 1882 6.
Shot from large flock all Males going N.E. over rough, all Males.
- 263 *Somatia Spectabilis* ♂ 22.38, 39.10, 11.75, May 14th 1882 7.
Pick up, showed death much macerated + stomach empty
- 267 *Somatia Spectabilis* ♂ - 21.87, 38.50, 11.25 May 16th 1882 8
- 268 *Somatia Spectabilis* ♀ 21.30, 38.80, 11.15 May 16th 1882 9
- 269 *Somatia Spectabilis* V-nigra ♀ 24.00, 42.50, 12.15 May 16th 1882 10
- 270 *Somatia Spectabilis* ♂ - 22.40, 39.40, 11.15 May 16th 1882 11.
All shot out of a large flight over ice in 25 killaby's guns
- 271 *Somatia Spectabilis* ♂ - 22.25, 38.50, 11.40 May 16 1882 12
- 272 *Somatia v. nigra* ♂ 28.10, 42.75, 12.50 May 17th 1882 13
Some of these apparently mixed with the king eiders.
- 275 *Saricola oenanthe* ♂ 8.10, 11.62, 3.80 May 19th 1882 14
Shot close to the station - alone
- 276 *Centropomus lapponeus* ♂ - 5.10, 11.02, 3.75 May 20th 1882 15
- 277 " " ♂ - 5.80, 10.50, 3.65 May 20th 1882 16
- 278 " " ♂ - 6.03, 10.80, 3.75 May 20th 1882 17
- 279 " " ♂ - 6.25, 11.02, 3.77 May 20th 1882 18
- 280 " " ♂ - 6.05, 11.25, 3.65 May 20th 1882 19.
- All taken on open spots of tundra near Station. Testes well developed.
In full song - rather fat. But not remains of their eggs in stomachs.
- 281 *Saricola oenanthe* ♀ - 6.10, 10.75, 3.80 } May 20th 1882 20.
- 282 *Saricola oenanthe* ♂ - 6.25, 11.75, 3.85 } 21.
Taken close to station, ovaries undeveloped.

- 287 *Charadrius dominicus* ♂ - 10.00, 21.00, 6.75 May 20th 1882
Small flock feeding round melting spots on tundra + small lagoons, very shy.
- 288 *Numenius borealis* ♂ - 13.00, 26.85, 8.80 May 21st 1882
Feeding alone on tundra - 2 small flocks seen yesterday
- 291 *Somateria spectabilis* ♀ - 21.15, 39.70, 38.31, 11.80 - May 21st 1882
- 292 " " ♀ - 21.15 39.10, 11.08 May 21st 1882
Shot from large flight along beach
- 293 *Charadrius dominicus* ♂ - 10.10, 22.80, 7.30 May 21st 1882
Feeding on tundra - testes well developed
- 294 *Sialis oenanthe* ♂ 8.92, 10.99, 3.95 May 22nd 1882
Feeding on tundra - Testes developed
- 295 *Larus leucopterus* ♀ - 24.70, 35.80, 17.30 May 22nd 1882
Egg as large as No. 2 shot. Ring round egg orange flesh color
- 296 *Fulica glacialis* ♂ - 21.72, 30.43, 9.50 May 22nd 1882
Testes beginning to swell - Duck in above shot at edge of open water
- 299 *Phlebotomus nivalis* ♂ - 6.60, 11.63, 4.39 May 23rd 1882
Testes fully enlarged
- 300 *Phlebotomus nivalis* ♀ - 6.23, 10.80, 4.17 May 25th 1882
Largest egg size of Mustard seeds. Shot together just beyond station.
- 301 *Lagopus lagopus* ♂ - 14.32, 24.59, 7.30 - May 26th 1882
Brought in by a native. Said to be killed close to station on tundra
- 302 *Charadrius dominicus* ♂ - 9.79, 21.50, 6.80 May 26th 1882
Shot alone at small lagoon close to station
- 303 *Charadrius dominicus* ♂ - 9.58, 20.90, 6.57 May 27th 1882
Stomach well filled. Shot at small lagoon
- 304 *Somateria spectabilis* ♀ - Not measured - May 26th 1882
Apparently exhausted from long flight. No fat. Ovaries undeveloped.
- 310 *Lamprolaima fischeri* ♂ - 20.17, 35.68, 10.30. May 28th 1882
Shot at open water by a native - Stomach empty - Much mucus.
- 311 *Actodromas bairdi* ♂ - 7.10, 14.72, 3.00 May 30th 1882
Shot at edge of tundra near small lagoon. fat.
- 312 *Centropomus lapponicus* ♂ - 6.30, 11.20, 3.80 May 30th 1882
- 313 " " ♂ - 6.31 11.20, 3.80 " "
Both shot below village. Fat. testes fully enlarged
- 314 *Anas albifrons gambeli* ♂ - 27.60, 38.80, 16.15 May 30th 1882
Killed from flock of four near small lagoon. Testes somewhat enlarged
- 315 *Somateria v-nigra* ♀ - 24.08, 42.02, 11.2 May 30th 1882
Egg as large as buckshot

- 317 *Pelidna alpina americana* ♂ - 7.97, 15.08, 4.80 May 31st 1882
Testes enlarged
- 318 *Centropomus lapponicus* ♀ - 5.90, 10.39, 3.35 June 1st 1882
Egg as large as No. 2 shot. Killed close to station.
- 319 *Pelidna alpina americana* ♀ - 8.61, 16.10, 5.18 June 1st 1882
Egg, large as buckshot.
- 320 *Larus leucopterus* ♂ - 27.00, 38.25, 18.25 June 1st 1882
Testes enlarged. Those evidently paired - 2 killed.
- 321 *Actodromas bairdi* ♂ - 7.60, 15.48, 4.52 June 2nd 1882
Killed on beach above feeding on worms.
- 322 *Pelidna alpina americana* ♂ 8.06, 15.48, 4.82 June 2nd 1882
Pairing.
- 323 *Pelidna alpina americana* ♀ 8.33, 15.80, 5.00 June 3rd 1882
Egg large as No. 2 shot
- 324 *Anas albifrons gambeli* ♀ 26.80, 33.70, 15.45 June 3rd 1882
Egg as large as No. 2 shot - Paired.
- 326 *Pelidna alpina americana* ♀ - 8.85, 14.95, 5.25 - large egg June 4th 1882
- 327 " " " ♂ - 7.78, 15.05, 4.90 - " " 51
- 328 " " " ♀ - 8.24, 5.25, 4.80 - large egg " " 52
- 329 " " " ♂ - 8.10, 15.08, 4.85 - paired " " 53
- 330 *Phalaropus fulicarius* ♀ - 8.62, 16.90, 5.30 " " 54
- 331 " " ♀ - 8.98, 16.92, 4.80 " " 55
Egg large as No. 2 shot - paired
- 332 *Phalaropus fulicarius* ♂ - 8.75, 16.25, 5.85 - 10 June 4th 1882
- 333 " " ♂ - 8.40, 16.30, 5.30 " " 57
- 334 *Pelidna alpina americana* ♂ - 7.79, 15.00, 4.85 June 5th 1882
- 335 " " " ♂ - 7.72, 14.68, 4.60 " " 59
- 336 *Actodromas maculata* ♀ - 8.03, 15.12, 5.00 - large egg " " 60
- 337 " " ♂ - 9.25, 17.70, 5.65 " " 61
- 338 *Phalaropus fulicarius* ♀ - 8.94, 16.37, 5.40 egg large as buckshot " " 62
- 339 " " ♂ - 8.50, 16.00, 4.95 " " 63
- 340 " " ♀ - 8.97, 17.20, 5.52 " " 64
- 341 " " ♂ - 8.60, 16.54, 5.21 " " 65
- 342 " " ♂ - 8.67, 16.00, 5.22 " " 66
- 343 " " ♀ - 8.90, 17.37, 5.65 " " 67
- 344 " " ♀ - 8.87, 16.60, 5.23 " " 68
- 345 *Anas albifrons gambeli* ♂ - 27.12, 36.62, 16.27 " " 69
Testes not at all enlarged.

- 346 *Haerda glacialis* ♂ - 22.90, 31.70, 9.32 June 5th 1882 72
 347 *Lamprolitta fischeri* ♂ - 20.60, 33.30, 10.62 June 7th 1882 71
 Two pairs sitting in small pool on tundra, both males killed
 348 *Haerda glacialis* ♂ - 21.42, 29.43, 9.20 June 7th 1882 73
 349 *Actodromas maculata* ♂ - 9.30, 17.72, 6.02 June 7th 1882 73
 350 " " ♂ - 9.10, 17.31, 5.72 " " " 74
 351 " " ♀ - 8.50, 16.40, 5.30 " " " 78
 All killed on tundra Mackmill lagoon, - showing signs of breeding
 352 *Phalaropus fulicarius* ♂ - 8.43, 15.62, 5.22 June 7th 1882 78
 353 " " ♂ - 8.20, 16.60, 5.30 June 8th " 77
 354 " " ♀ - 8.68, 17.20, 5.34 " " " 78
 355 *Actodromas maculata* ♂ - 9.28, 17.82, 5.70 " " " 74
 356 " " ♀ - 8.20, 16.20, 5.10 " " " 80
 Remarkably small female. Nature must think it is a different species.
 357 *Thyngites rufescens* ♂ - 8.22, 16.90, 3.40 June 8th 1882 71
 358 " " ♂ - 8.30, 16.90, 5.40 " " " 81
 359 *Charadrius dominicus* ♂ - 10.12, 22.62, 7.30 " " " 71
 360 " " ♂ - 10.12, 23.10, 7.50 " " " 84
 361 *Vema sabini* ♂ - 14.00, 34.20, 11.12 " " " 83
 362 *Haerda glacialis* ♂ - 15.12, 24.48, 8.35 " " " 86
 363 " " ♂ - 21.40, 29.50, 9.06 " " " 87
 364 " " ♂ - 21.62, 29.77, 9.00 " " " 88
 Nos 353-64 were all killed along the tundra from the village N.W.
 then or four miles. *T. rufescens* performing strange antics
 365 *Pelidna alpina americana* ♂ - 8.42, 15.77, 5.02 June 8th 1882 79
 Taken close to "small lagoon".
 372 *Actodromas bairdi* ♀ - 7.22, 15.15, 5.10 June 11th 1882 90
 373 *Thyngites rufescens* ♂ - 8.30, 16.45, 5.55 " " " 91
 374 *Charadrius dominicus* ♂ - 10.30, 21.62, 7.30 " " " 92
 375 *Actodromas maculata* ♀ - 8.00, 15.50, 5.32 " " " 93
 376 " " ♂ - 9.53, 17.45, 5.72 " " " 94
 All killed between lines and "small lagoon"
 377 *Tinga canutus* ♀ - 10.62, 21.20, 6.82 June 12th 1882 95
 Killed near stream running bet 2nd lagoon - paired - full size eggs
 378 *Lamprolitta fischeri* ♂ - 21.10, 34.15, 10.75 June 11th 1882 96
 Killed out of mixed flock of ducks flying by house
 379 *Alnus hyperboreus albatrus* ♀ - 26.60, 33.60, 16.30 June 17th 1882 97
 Killed near 1st large lagoon out of small flock - plumage of *Columba* small.

- 380 *Alnus hyperboreus albatrus* ♀ - 26.65, 33.60, 16.32 June 17th 1882 98
 Killed from flock of four near house - ovaries slightly enlarged
 381 *Charadrius dominicus* ♂ - 10.15, 22.60, 7.40 June 12th 1882 99
 382 *Thyngites rufescens* ♂ - 8.10, 16.42, 5.10 " " " 100
 383 " " ♂ - 8.20, 16.60, 5.48 " " " 101
 384 *Actodromas maculata* ♀ - 8.27, 15.90, 5.20 " " " 102
 385 " " ♀ - 8.25, 15.30, 5.20 " " " 103
 All killed near head of "Golden Thread" lagoon.
 386 *Haerda glacialis* ♂ - 18.08, 29.72, 9.20 June 12th 1882 104
 387 *Charadrius dominicus* ♂ - 9.92, 21.60, 7.35 " " " 105
 388 " " ♂ - 10.35, 22.50, 7.50 " " " 106
 389 *Haerda glacialis* ♀ - 15.40, 28.75, 7.95 " " " 107
 All killed between house + small lagoon -
 390 *Aegiothys canescens exilis* ♀ - 5.30, 8.53, 2.92 June 12th 1882 108
 Brought by a native on nest of 3 eggs -
 395 *Aegiothys canescens exilis* ♂ - 4.95, 8.26, 2.90 June 14th 1882 109
 Said to be the male of the above - shot by same native.
 396 *Alnus hyperboreus albatrus* ♂ - 29.60, 38.88, 16.88 June 13th 1882 110
 Brought in by a native. Testes enlarged - tasted all fat.
 397 *Actodromas bairdi* ♂ - 6.70, 14.75, 4.90 June 16th 1882 111
 Killed near first large lagoon
 398 *Polypicta stellata* ♀ - 17.65, 26.72, 8.05 June 16th 1882 112
 399 " " ♂ - 17.62, 27.80, 8.65 " " " 113
 400 " " ♂ - 18.51, 27.45, 8.20 " " " 114
 401 " " ♂ - 17.62, 27.70, 8.35 " " " 115
 All shot in pools on tundra by same, those apparently not paired
 402 *Aegiothys canescens exilis* ♂ - 5.22, 8.42, 2.92 June 16th 1882 116
 Brought in by a native in my bad imitation.
 405 *Phalaropus fulicarius* ♂ - 8.70, 16.10, 5.30, June 17th 1882 117
 Sitting on eggs - Brought by a native - breast bare
 406 *Centrophorus leucurus* ♀ - 6.42, 10.75, 3.50 June 17th 1882 118
 Brought on nest and brought in with eggs by a native.
 407 *Phalaropus fulicarius* ♂ - 8.39, 15.50, 5.20 June 18th 1882 119
 Shot coming off nest of 3 eggs - breast bare
 412 *Acta Phalaropus nivalis* ♂ - 6.90, 12.62, 4.44 June 18th 1882 120
 ♂ of pair building in bird band - killed by a child.
 418 *Actodromas maculata* ♂ - 9.20, 16.50, 5.75 June 18th 1882 121
 Fat - neck much swollen

- 414 *Stercorarius parasiticus* ♂. 20.88, 38.10, 12.00 June 18th 1882
 415 " " ♀, 21.65, 38.55, 12.20 " " "
 416 " " ♂ 18.20 39.00, 12.30 " " "
 417 " " ♀ 23.80, 39.20 12.48 " " "
 418 *Numida benta* ♂ 24.65, 47.00, 13.80 " " "
 Brought in by a native with egg
 424 *Polysticta stellus* ♂, 17.57, 28.58, 8.48 June 18th 1882
 425 " " ♂, 17.62, 28.05, 8.30 " " "
 426 " " ♂, 17.78, 28.65, 8.50 " " "
 427 " " ♀, 18.40, 29.05, 8.79 " " "
 All shot in tundra pools from small flocks. Sexual organs little developed
 428 *Lamprolaima fischeri* ♂ - 21.10, 35.72, 10.10 June 18th 1882
 Killed in lagoon 4 or 5 miles from station
 429 *Phalaropus nigralis* ♂ - 6.80, 12.85, 4.60, June 19th 1882
 430 *Phalaropus nigralis* ♀ - 6.60, 12.00, 4.25 " " "
 Pair brought in by a native
 431 *Phalaropus fulicarius* ♂ - 8.80, 18.65, 5.30 June 19th 1882
 Shot having nest of 4 eggs.
 432 *Macrorhamphus griseus scolopaceus* ♀ - 11.90, 19.20, 6.12 June 19th 1882
 Brought in by a native with 3 eggs
 431 *Centrophorus lapponicus* ♀ - 6.14, 10.54, 3.50 - June 20th 1882
 Brought in by a native - breast bare
 432 *Phalaropus fulicarius* ♂ - 8.48, 16.30, 4.56 - June 21st 1882
 Shot sitting on nest of 4 eggs
 433 *Sterna macrura* ♂ - 15.42, 31.50, 11.50 - June 22nd 1882
 Brought in by a native
 439 *Anas albifrons gambeli* ♂ - 27.15, 58.00, 17.00 - June 19th 1882
 Shot at nest of 2 eggs
 437 *Polysticta stellus* ♂ - 18.00, 29.00, 9.10 - June 22nd 1882
 438 " " ♂ - 17.92, 29.90, 8.90 - " " "
 439 " " ♂ ♀ - 17.65 29.55 8.60 " " "
 440 " " ♀ - 17.90, 29.48, 8.50 " " "
 441 " " ♀ - 17.40, 27.90, 8.35 " " "
 All killed in pools on tundra - east of station. In flocks + small parties
 445 *Numida benta* ♂ - 23.30, 47.35, 13.60 - June 23rd 1882
 One of a pair, testes small
 446 *Stercorarius parasiticus* ♀ - 20.70, 49.40, 14.75 - June 24th 1882
 Killed flying over the tundra from five miles inland. Eggs large as No. 2 shot

- 447 *Actodromas bairdi* ♂ - 7.10, 14.80, 5.20 - June 24th 1882
 447a " " ♀ - 7.30, 15.28, 5.27 - " " "
 Pair killed at nest of four eggs on tundra. A short distance from station
 448 *Phalaropus fulicarius* ♀ - 9.20, 17.10, 5.60 - June 24th 1882
 Very peculiar plumage, killed among growing phalaropes. Ovaries undeveloped
 449 *Phalaropus fulicarius* ♀ - 9.20, 17.00, 5.70 June 24th 1882
 Still smaller than 448. Ovaries rather more developed.
 450 *Polysticta stellus* ♂ - 18.00, 29.25, 8.90, - June 24th 1882
 451 " " ♀ - 17.45, 27.00, 8.10, " " "
 Pair killed flying in company with ♂ *S. spectabilis*
 455 *Charadrius dominicus* ♂ - 10.55, 22.85, 7.35 - June 26th 1882
 Shot sitting on nest of 4 eggs.
 463 *Ematurus spectabilis* ♀ - 21.60, 37.00, 10.50, - June 24th 1882
 One of a pair - Brown apparently, plucked - but ovaries contain large eggs
 464 *Charadrius dominicus* ♂ - 10.65, 22.90, 7.45 - June 26th 1882
 Shot close to nest of 4 eggs
 465 *Macrorhamphus griseus scolopaceus* ♀ - 11.50, 19.00, 5.90 - June 27th 1882
 466 " " ♀ - 11.45, 18.45, 5.50 - " " "
 Shot separately
 467 *Stercorarius parasiticus* ♀ - 22.85, 39.70, 12.30 - June 27th 1882
 468 " " ♂ - 24.30, 39.35, 12.20 - " " "
 469 " " ♀ - 22.75, 40.10, 12.25 - " " "
 470 " " ♂ - 23.00, 40.50, 12.30 - " " "
 In small parties on tundra, feeding on insects. Sexual organs little developed
 471 *Actodromas bairdi* ♀ - 7.35, 15.70, 5.00 - June 28th 1882
 Shot at nest of four eggs.
 472 *Xema sabini* ♂ - 14.20, 35.30, 11.35 - June 25th 1882
 Shot alone close to station.
 475 *Sterna macrura* ♀ - 14.95, 30.30, 10.50 - June 29th 1882
 476 " " ♂ - 14.60, 29.35, 10.62 - " " "
 Pair shot near entrance to second lagoon. With breast bare.
 477 *Haedra glacialis* ♀ - 15.35, 29.20, 8.85 - June 29th 1882
 Flying along creek of fresh water on beach - breast plucked - unusually pale
 478 *Glymbus arcticus* ♂ - 26.40, 46.75, 12.10 - June 29th 1882
 Shot at 3rd lagoon - Testes small
 479 *Centrophorus lapponicus* ♀ - 6.20, 10.70, 3.40 - June 30th 1882
 Found on nest of 4 eggs. Ovarian eggs all very small

- 480 *Stercorarius parasiticus* ♂ - 21.20, 40.25, 12.40 - July 1st, 1882
 481 " " ♀ - 21.15, 40.00, 12.15 - " " "

In large flocks on tundra.

- 482 *Actodromas maculatus* ♂ - 9.20, 17.75, 5.60 - July 1st, 1882
 483 *Pelidna alpina americana* ♂ - 8.40, 15.10, 4.80 - July 3rd, 1882

Sitting on nest of eggs.

- 484 *Agelaius canadensis* ♂ - 5.25, 8.55, 2.85 - July 3rd, 1882
 One of a pair on "black tundra"

- 485 *Phalaropus fulicarius* ♂ - 8.05, 15.95, 5.20 - July 3rd, 1882
 488 " " ♀ - 8.80, 16.50, 5.50 - " " "

- 489 *Actodromas maculatus* ♀ - 8.55, 15.30, 4.92 - " " "

Result of one shot at a mixed flock - birds of 487, 489 band also of 490

- 490 *Actodromas maculatus* ♀ - 8.30, 16.20, 5.10 - July 3rd, 1882
 491 " " ♂ - 9.45, 17.20, 5.35 - " " "

Shot out of same flock.

- 492 *Colymbus tecticus* ♀ - 24.00, 45.15, 11.50 - July 4th, 1882
 Shot in small strip of open water along beach.

- 494 *Charadrius dominicus* ♂ - 10.75, 22.70, 7.40 - July 5th, 1882
 Brought in by a native.

- 495 *Charadrius dominicus* ♂ - 10.15, 21.85, 7.10 - July 5th, 1882
 Shot sitting on nest of eggs on "black" tundra

- 496 *Tringa canutus* ♂ - 9.65, 20.65, 6.60 - July 5th, 1882
 Shot out of mixed flock of knots + plovers.

- 497 *Stercorarius parasiticus* ♂ - 20.10, 40.30, 12.15 - July 5th, 1882
 498 " " *Cephalotes* ♀ - 19.30, 43.10, 12.45 - " " "

Both flying over tundra eggs in ♀ sign of No. 2 shot

- 499 *Actodromas maculatus* ♀ - 8.50, 16.00, 5.05 - July 6th, 1882
 Shot sitting on nest of eggs

- 500 *Numenius borealis* ♂ - 14.50, 28.65, 9.20 - July 6th, 1882
 Shot alone - feathers small

- 501 *Phalaropus fulicarius* ♂ - 8.60, 15.90, 5.20 - July 6th, 1882

- a " " juv. ♀ - 4.00, 4.05, 0.90 " " "

- b " " ♀ - 3.90, 3.85, 0.80 " " "

- c " " ♂ - 3.85, 3.85, 0.82 " " "

- d " " ♂ - 4.10, 4.15, 0.80 " " "

Billable bird with bare breast taking charge of brood of downy young

- 502 *Phalaropus fulicarius* ♂ - 8.25, 14.85, 5.20 - July 6th, 1882
 Another ♂ with young brood - latter preserved in alcohol.

- 503 *Actodromas bairdi* ♂ - 7.30, 15.10, 5.00 - July 7th, 1882 198
 506 " " ♂ - 7.40, 15.15, 5.10 " " " 199

Shot out of a large flock

- 507 *Stercorarius cupedatus* ♂ - 19.00, 42.05, 12.50 - July 7th, 1882 200
 Shot flying alone over tundra

- 508 *Stercorarius parasiticus* ♀ - 18.50, 39.55, 12.10 - July 8th, 1882 201
 Shot flying alone at laguna near Piquiack, eggs sign of No. 3 shot.

- 511 *Strepilas interpres* ♀ - 9.29, 19.45, 6.22 - July 11th, 1882 202
 Shot at Piquiack - breast bare. has evidently been pruned by a hawk.

- 512 *Polysticta stellaris* ♀ - 17.42, 28.38, 8.88 - July 11th, 1882 203
 Shot out of small flock flying along creek, all ♀. Very thin - has evidently been

- 513 *Polysticta stellaris* ♀ - 18.70, 29.82, 8.60 - July 14th, 1882 204
 Shot near Piquiack - from small flock. has evidently been mated

Shows a good many young feathers.

- 516 *Tringa glacialis* ♀ - 15.10, 28.60, 8.50 - July 20th, 1882 205
 a " " juv. ♂ ♀ 8.20 " " " 206

- b " " ♂ 8.55 " " " 207
 c " " ♂ 8.60 " " " 208

Stomach + 3 out of brood of downy young. Much strong signs of young feathers

- 517 *Pelidna alpina americana* juv. ♂ - 6.70, 13.20, 3.80 - July 20th, 1882 209
 About 2/3 fledged.

- 518 *Charadrius dominicus* ♂ - 10.30, 22.50, 7.20 - July 20th, 1882 210
 One of pair with fully fledged young - moulting

- 520 *Tringa glacialis* ♀ - 16.22, 27.33, 8.10 - July 24th, 1882 211
 In transition plumage feathers growing. eggs very small.

- 521 *Colymbus septentrionalis* ♀ - 23.90, 39.60, 10.88 - July 25th, 1882 212
 One of pair flying down over inlet - mated.

- 524 *Uria sabini* ♂ - 10.75, 35.20, 11.20 - July 29th, 1882 213
 One of pair of four on beach - roosting badly punctured.

- 524 *Strepilas interpres* ♂ - 9.30, 18.60, 5.90 - July 29th, 1882 214
 Shot near Piquiack

- 522 *Strepilas interpres* ♂ - 9.00, 18.50, 5.85 - July 29th, 1882 215
 Young of the year - shot near village

- 524 *Creumetopus pusillus* ♂ - 6.00, 11.55, 3.60 - July 29th, 1882 216
 525 " " ♀ - 6.00, 12.00, 3.70 " " " 217

- 526 " " ♀ - 5.95, 11.70, 3.70 " " " 218
 Young of the year in large flocks near village and near pools. Not yet.

546	<i>Oreomys pusillus</i> ♀	6.10, 11.40, 3.60	July 29 th 1882	21
547	" " ♂	6.25, 12.15, 3.95	" " "	22
548	" " ♀	6.10, 12.18, 3.85	" " "	22
549	" " ♀	6.00, 11.35, 3.62	" " "	22
550	" " ?	6.25, 12.25, 3.98	" " "	22
551	" " ♂	6.15, 11.92, 3.75	" " "	22
552	" " ♀	6.22, 12.05, 3.92	" " "	22
553	" " ♂	6.12, 11.60, 3.80	" " "	22

Young of the year in large flocks near Perquimac. Not yet fat.

554	<i>Oreomys pusillus</i> ♀	6.15, 12.05, 3.90	July 30 th 1882	22
555	" " ♀	6.12, 12.10, 3.95	" " "	22
556	" " ♂	6.10, 11.90, 3.75	" " "	22
557	" " ♂	5.70, 11.80, 3.72	" " "	23
558	" " ♀	5.90, 11.75, 3.88	" " "	23
559	" " ♀	5.85, 11.58, 3.65	" " "	23
560	" " ♀	6.12, 12.15, 3.87	" " "	23
561	" " ♀	6.10, 12.18, 3.92	" " "	23
562	" " ♀	6.13, 12.22, 4.00	" " "	23
563	" " ♀	6.00, 12.10, 3.95	" " "	23

Young of the year in large flocks in + around village.

564	<i>Polioptila stellata</i> ♀	17.15, 28.32, 5.35	July 30 th 1882	23
	This was near Perquimac - Moulting.			
565	<i>Colymbus adamsi</i> ♀	33.50, 15.45, 60.00	July 30 th 1882	23
	This was near Perquimac - rather fat - has been.			
566	<i>Sterna macrura</i> ♀	15.18, 30.85, 11.0	Aug 3 rd 1882	23
	Shed on beach near small bog - Moulting.			
567	<i>Phalaropus fulicarius</i> ♀	8.50, 16.80, 5.10	Aug 3 rd 1882	24
568	" " ♀	8.90, 16.88, 5.30	" " "	24

Young of the year, fully fledged.

569	<i>Pelecanus alpina americana</i> ♀	7.49, 14.90, 4.40	Aug 3 rd 1882	24
	Young of the year, still downy round the head.			
570	<i>Pelecanus alpina americana</i> ♀	8.60, 15.45, 4.95	Aug 4 th 1882	24
	Young of the year almost fully fledged.			
571	<i>Polioptila stellata</i> ♀	17.30, 28.25, 5.20	Aug 5 th 1882	24
572	" " ♀	17.95, 28.64, 5.42	" " "	24

Killed from large flock down to station near Moulton + are beginning to fatten.

573	<i>Larus leucostictus</i> ♂	25.55, 60.20, 17.50	Aug 4 th 1882	24
	Adult, full plumage, in company with young, flushed by			

574	<i>Larus glaucus</i> ♂	26.82, 63.22, 18.48	July Aug 4 th 1882	24
	Adult, full plumage, Eyles precisely as in 573			
575	<i>Larus glaucus</i> ♀	26.50, 59.30, 17.40	Aug 5 th 1882	24
	Young of the year			

669	<i>Limosa fida</i> ♀	16.10, 30.90, 9.20	Aug 12 th 1882	24
670	" " ♂	14.50, 28.05, 8.30	" " "	25
671	<i>Macrorhamphus gisens scelopaceus</i> ♂	10.95, 18.50, 5.85	" " "	25
672	" " ♀	11.45, 19.20, 5.82	" " "	25
673	" " ♀	11.95, 19.92, 6.18	" " "	25
674	<i>Actodromas maculata</i> ♀	9.20, 17.70, 5.30	" " "	25
675	" " ♀	8.80, 16.62, 5.25	" " "	25
676	" " ♂	9.18, 17.60, 5.52	" " "	25
677	<i>Pelecanus alpina americana</i> ♀	8.75, 15.88, 4.92	" " "	25
678	" " ♀	8.40, 14.80, 4.80	" " "	25
679	" " ♂	8.68, 15.40, 4.82	" " "	25

All young of the year, except perhaps 673, in medium flocks, very tame. All killed on tundra below village.

681	<i>Chamaea dominica</i> ♂	10.60, 22.92, 7.03	Aug 15 th 1882	26
682	" " ♀	10.62, 22.93, 7.05	" " "	26
683	" " ♂	10.35, 22.80, 10.60	" " "	26

Young of the year - "green" brown" stage of plumage -

684	<i>Macrorhamphus gisens scelopaceus</i> ♂	10.93, 18.72, 5.80	Aug 15 th 1882	26
685	" " ♀	11.72, 19.80, 6.10	" " "	26
686	" " ♀	11.65, 19.30, 5.90	" " "	26
687	" " ♀	11.90, 19.15, 6.05	" " "	26
688	" " ♂	11.10, 19.35, 6.05	" " "	26
689	" " ♂	11.42, 18.60, 5.80	" " "	26
690	" " ♀	12.40, 19.00, 6.02	" " "	27

691	<i>Colymbus septentrionalis</i> ♂	24.62, 42.40, 11.00	Aug 15 th 1882	27
	Young of year - 2 adults.			
692	<i>Larus leucostictus</i> ♀	24.15, 54.80, 16.85	Aug 15 th 1882	27
693	<i>Bernicla hutchinsii</i> ♀ juv.	22.90, 46.10, 13.25	Aug 30 th 1882	27
694	<i>Squilla acuta</i> ♀	21.45, 32.35, 10.00	" " "	27
695	" " ♀	21.00, 32.75, 10.00	" " "	27

Young of year + very fat + the skin was, the close to village.

697	<i>Pelecanus alpina americana</i> ♀	8.38, 15.50, 5.08	Sept 1 st 1882	27
698	" " ♂	8.30, 15.40, 4.96	" " "	27
699	" " ♀	8.47, 15.60, 5.15	" " "	27

Young of the year, not fat. Killed out of small flocks in little ponds by village.

- 700 *Plectrophenax nivalis* ♀ - 6.60, 12.48, 4.00 Sept. 4th 1882 28
 Fall plumage - small parties around gullies below village
- 701 *Spizella monticola* ♂ - 6.90, 9.95, 3.15 Sept. 7th 1882 28
 Caught in one of traps at station
- 708 *Quercus benta* - ♀ - 22.00, 44.20, 12.62 Sept. 8th 1882 28
 Shot close by house Young of the year
- 709 *Sayornis acuta* ♀ 23.20, 34.81, 10.80 Sept. 7th 1882 28
 710 " " ♀ 22.54, 33.83, 10.54 " " " 28
 711 " " ♀ 20.50, 33.44, 9.90 " " " 28
 Shot near village - Young of year + very fat -
- 712 *Bernicula henta* ♀ - 21.70, 16.00, 13.00 Sept. 16th 1882 28
 Shot close by house. Young of year.
- 713 *Microfalco naevius islandicus* ♀ - 23.20, 30.45, 16.00, Sept. 17th 1882 28
 Shot sitting on flagstaff.
- 714 *Harelda glacialis* ♀ - 14.80, 27.08, 8.15 Sept. 17th 1882 28
 715 " " " - 15.58, 29.66, 8.60 " 12th " 28
 Young of year, both shot near beach.
- 718 *Larus glaucus* ♂ - 27.45, 61.00, 18.58 Sept. 19th 1882 28
 719 " *Leucophaea* ♀ - 24.95, 58.70, 17.50 " " " 28
 Both young of year + killed flying along beach.
- 720 *Rhodostethia rosea* ♂ - 12.50, 30.60, 10.10 Sept. 21st 1882 28
 721 " " ♂ - 12.52, 31.60, 10.45 " " " 28
 722 " " ♀ - 12.15, 30.32, 9.40 " " " 28
 723 " " ♀ - 12.60, 29.85, 9.75 " " " 28
 724 " " ♀ - 12.04, 30.05, 9.90 " " " 28
 725 " " ♀ - 12.20, 29.08, 9.45 " " " 28
 726 " " ♂ - 12.58, 30.85, 10.40, " " " 28
 727 " " ♂ - 13.20, 31.10, 10.19 Sept. 22nd 1882 28
 728 " " ♂ - 13.00, 31.08, 10.15 " " " 28
 729 " " ♀ - 13.22, 31.00, 10.00 " " " 30
 730 " " ♂ - 13.12, 29.91, 9.50, " " " 30
 731 " " ♀ - 12.50, 29.10, 9.42 " 28th " 30
 732 " " ♂ - 12.12, 29.80, 9.60 " " " 30
 733 " " ♀ - 12.50, 28.60, 9.42 " 28th " 30
 734 " " ♂ - 12.95, 29.52, 9.80 " " " 30
 735 " " ♀ - 13.05, 31.00, 9.83 " " " 30
 736 " " ♀ - 12.45, 29.85, 9.60 " " " 30

- 737 *Rhodostethia rosea* - ♀ - 12.40, 29.70, 9.72 - Sept. 25th 1882 30
 738 " " - ♂ - 12.57, 29.35, 9.55 - " " " 30
 739 " " ♀ - 12.69, 30.98, 10.05 - " " " 30
 740 " " ♀ - 12.60, 29.75, 9.22 - " " " 30
 741 " " ♂ - 12.45, 30.15, 9.33 - " " " 30
 742 " " ♂ - 13.32, 31.12, 10.32 - " " " 30
 743 " " ♀ - 12.63, 29.70, 9.55 - " " " 30
 744 " " ♂ - 12.66, 28.85, 9.52 - " " " 30
 745 " " ♀ - 12.72, 30.22, 9.55 - " " " 30
 746 " " ♀ - 12.55, 29.90, 9.45 - " " " 30
 747 " " ♂ - 12.45, 29.20, 9.52 - " " " 30
 749 " " ♂ - 12.30, 29.22, 9.80 - " " " 30
 750 " " ♂ - 12.70, 29.90, 9.32 - " " " 30
 751 " " ♀ - 12.85, 31.00, 9.98 - " " " 30
 All immature birds - in large flocks near house and along beach -
- 781 *Rhodostethia rosea* - ? - 12.92 - 9.95 - Oct. 8th 1882 30
 782 " " - ♂ - 13.40 - 9.50 - " " " 30
 788 " " - ♂ - 12.80, 29.80, 10.05 - " " " 30
 789 " " - ♀ - 12.84, 29.80, 10.05 - " " " 30
 790 " " - ? - 13.05, 29.95, 10.55 - " " " 30
 791 *Pagophila eburnea* - ? - 17.00 - 13.10 - " " " 30
 All immature birds, with the possible exception of 782, killed near the house + along beach
- 797 *Lagopus albus* - ♂ - 16.35, - 8.00 - Oct. 1882 30
 798 " " - ♂ - 16.50, 24.90, 8.20 - " " " 30
 799 " " - ♂ - 16.00, 24.45, 6.75 - " " " 30
 Killed by Capt. Handum on a branch of the " Pine 90 miles inland.
- 803 *Rhodostethia rosea* ♂ - 12.08, 28.82, 9.60 Oct. 8th 1882 30
 804 " " - ♀ - 12.50, 31.10, 10.10 " " " 30
 805 " " - ♀ - 12.60, 29.80, 9.90 " " " 30
 806 " " - ♂ - 12.20, 29.45, 9.40 " " " 30
 807 " " - ♀ - 13.85, 30.18, 9.72 " " " 30
 811 " " - ♀ - 12.65, 30.45, 10.05 " " " 30
 812 " " - ♂ - 12.30, 29.85, 9.84 " " " 30
 813 " " - ♀ - 12.15, 29.53, 9.62 " " " 30
 814 " " - ♂ - 12.82, 29.90, 10.32 " " " 30
 815 " " - ♀ - 12.55, 30.14, 9.75 " " " 30

821	<i>Rhodostethia rosea</i> - ♂ - 13.72 - 10.02 - Oct. 8 th 1882	361
822	" " - ♂ - 13.00, 30.90, 10.00 - " " "	361
823	" " - ♂ - 13.12, 30.94, 10.90 - " " "	364
824	" " - ♂ - 13.40, 31.00, 10.05 - " " "	364
825	" " - ♂ - 12.30, 30.18, 9.84 - " " "	364
826	" " - ♀ - 13.20, 30.18, 9.88 - " " "	364
828	" " - ♀ - 12.55, 29.88, 9.35 - " " "	364
829	" " - ♂ - 12.70, 30.70, 10.10 - " " "	364
830	" " - ♂ - 12.40, 29.10, 9.48 - " " "	367
831	" " - ♀ - 12.80, 30.00, 9.70 - " " "	367
832	" " - ♂ - 12.30, 30.82, 9.60 - " " "	367
833	" " - ♂ - 12.60, 30.40, 9.88 - " " "	367

All immature birds killed near the house and along the beach from large loose flocks. Excessively fat

838	<i>Larus glaucus</i> - ♂ - 28.25, 63.80, 18.20 - Sept. 15 th 1882	367
839	" " - ♂ - 26.80, 60.10, 17.90 - " 19 th "	367
840	<i>Leucophaea</i> - ? - 22.40, 50.10, 14.90 - " " "	367

Killed along shore flying over house. Immature birds.

868	<i>Nyctea scandiaca</i> - ♂ - 23.60, 52.05, 16.35 - Nov. 1882	368
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Brought in by a native. Killed at about distance inland - very fat.

910	<i>Aquila chrysaetos canadensis</i> - Rick Nov 29 th 1882	368
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Native made skin - said to come from the King's mudlung Country.

921	<i>Uria grylle</i> ♂ - 12.85, 21.30, 6.35 - Dec. 3 rd 1882	369
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922	" " ♂ - 12.20, 22.32, 6.58 - " " "	369
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923	" " ♂ - 12.85, 21.70, 6.32 - " " "	369
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924	" " ♂ - 13.70, 22.90, 6.60 - " " "	369
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All in white plumage - killed at the station along edge of shore - fat - remains of amphipods in stomach of one.

936	<i>Lomvia turle</i> ♂ - 17.42, 29.85, 7.85 - Dec. 9 th 1882	369
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Brought in by a native from open hole among rocks. Young of the year

944	<i>Uria grylle</i> ♀ - 13.30, 22.48, 6.48 - Dec. 12 th 1882	369
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945	" " ♀ - 13.30, 22.48, 6.48 - " " "	369
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Brought in in flesh by native from hole in rock in - fat. Said to be plenty

963	<i>Uria grylle</i> ♂ - 13.40, 21.85, 6.32 - Jan. 9 th 1883	369
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Brought in in flesh by native from hole in rock in - little fat - said to be plenty

1030	<i>Lagopus albus</i> ♀ - 14.50, 24.00, 6.32 - Feb. 2 nd 1883	369
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Brought in in flesh by native - stomach of frog at death - crop empty - much emaciated

1134	<i>Lophus hyperboreus</i> - Rick Feb. 28 th 1883	369
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Native made skin - said to come from the King's mudlung - "Sabina's"

1139	<i>Lagopus albus</i> - Rick March 1 st 1883	369
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Native made skin - summer plumage - "Skjokk's"

1164	<i>Lagopus albus</i> ♂ - 17.25, 26.87, 7.92 - Feb. 1883	370
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1165	" " ♂ - 17.10, 26.40, 7.75 - " "	371
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Brought in in flesh by native hunter from "Hudon". willow buds in crop. No fat but not emaciated

1243	<i>Lagopus albus</i> ♂ - 16.40, 26.77 - April 1883	372
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1344	" " ♂ - 16.83, 26.75 - " "	372
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1345	" " ♂ - 16.40, 25.80 - " "	372
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1346	" " ♂ - 16.83, 26.75 - " "	372
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1347	" " ♂ - 16.50, 26.68 - " 7 th "	376
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Brought in in flesh by Ullad River Station from the interior, reported wild not plenty. In good condition but little fat. No 1347 killed near Refuge date & bringing it changed to summer plumage. Crops filled with willow buds.

1403	<i>Plectrophorus nivalis</i> ♀ - 6.60, 10.88, 3.95 - May 18 th 1883	377
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Animals barely granular.

1404	<i>Lagopus albus</i> ♂ - 16.85, 26.10, 7.70 - May 21 st 1883	378
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1405	" " ♀ - 15.30, 25.25, 7.28 - " " "	379
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Pair in transition plumage, killed by a native at edge of village. Very little fat. ♂ testis somewhat enlarged, ♀ eggs (largest) sign of 1st shot

1406	<i>Junco himalaia</i> ♂ - 6.20, 9.76, 3.03 - May 24 th 1883	380
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Killed below village. Testis fully enlarged - rather fat. Stomach full of grass & seeds.

1407	<i>Somateria v-nigra</i> ♂ - 25.20, 44.44, 14.68 - May 25 th 1883	381
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Crop full of grass - hardly any fat + stomach empty - testis slightly enlarged

1408	<i>Somateria v-nigra</i> ♂ - 25.80, 44.20, 14.25 - May 25 th 1883	381
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Fat only. Glomulus of kidney shell in stomach - testis slightly enlarged

1409	<i>Lagopus albus</i> ♂ - 16.70, 26.83, 7.83 - May 26 th 1883	382
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1410	" " ♀ - 15.45, 25.50, 7.43 - " "	384
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Killed below village - feeding on willow buds - remains of new change when shot but granulation organs hardly more developed.

1413	<i>Somateria v-nigra</i> ♂ - 26.00, 43.00, 12.60 - May 26 th 1883	386
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1414	" " ♂ - 24.95, 42.70, 12.25 - " "	386
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1415	" " ♀ - 24.02, 41.83, 12.12 - " "	387
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Killed from flight fork near station. Fat. Stomach nearly empty - only a little greenish digesta material. Granulation organs somewhat developed - eggs sign of buckshot

- 1429 *Larus fuscus* ♂ - 3.18, 69.50, 18.92, "Kikidagū" June 1st 1883
Shot by a native at Brit Camp. Testes hardly enlarged - black - very little fat.
Small only in stomach. Stomach full of maggots.
- 1431 *Pelecanus subaquatus* ♂ - 7.72, 16.30, 5.31 - June 5th 83
Single in flock of 4. Maculate. Testes enlarged - stomach full of maggots +
small mixed birds - fat.
- 1432 *Pelecanus fuscicollis* ♂ - 7.20, 14.72, 1.83 June 6th 83
Killed out of flock of 4. Maculate. New village. Testes enlarged - stomach full
of small birds - rather fat.
- 1433 *Cygnus rufescens* ♂ - 8.80, 17.00, 5.37 "Kudluayū" June 6th 83
- 1434 " " - ♀ 7.62, 15.92, 5.76 " " "
- 1435 " " - ♀ 7.80, 15.80, 5.77 " " "
- 1436 " " - ♂ 8.31, 17.00, 5.38 " " "
- 1437 " " - ♂ 8.61, 17.00, 5.35 " " "
- 1438 " " - ♀ 7.77, 15.90, 5.30 " " "
- 1439 " " - ♀ 7.87, 16.12, 5.10 " " "
- Killed on edge of tundra towards Kuvov - in pair - small parties. Refusing much
water + feeding on butter + flies. Genitalia organs well developed. Largest eggs sign
of 38 shot - fat.
- 1440 *Pelecanus bairdi* ♂ - 6.47, 14.70, 1.70 - June 7th 83
Taken above the village. Testes fully enlarged - good only in stomach.
- 1441 *Larus calvus* ♂ - 11.82, 26.05, 7.55 } June 6th 83
- 1442 " ♀ - 11.33, 25.30, 7.43 }
- Disrupted by a native from Woddy Inlet - Genitalia organs well developed ♀ nearly ready
to lay. Willie + flower buds in stomach.
- 1443 *Anas albifrons gambeli* ♀ - 25.99, 33.90, 11.25, June 7th 83
Very little fat. Ovaries undeveloped.
- 1444 *Anas albifrons gambeli* ♀ - 26.80, 36.32, 16.85 - June 7th 83
Fat. Ovaries well advanced - yolk nearly full size - shot brought at from
Woddy Inlet.
- 1447 *Nyctea scandiaca* ♀ - 23.40, 67.10, 17.63 - "Uk-pik" June 8th 83
Has been hanging round the village - rather fat. Ovaries undeveloped.
- 1448 *Larus hyperboreus albatrus* ♀ - 26.75, 32.65, 15.00 - "Kiv-o" June 6th 83
Shot above in a small pool near Kuvov - very little fat. Ovaries undeveloped.
- 1449 *Cygnus rufescens* ♂ - 8.24, 16.80, 5.15 - "Kudluayū" June 9th 83
Rather fat - testes fully enlarged.
- 1451 *Larus hyperboreus* ♂ - 7.55, 13.94, 1.40 - "Sebianna" June 11th 1883

- 1452 *Larus hyperboreus* ♀ - 7.69, 14.67, 4.70 - No. June 11th 1883
- 1453 *Pelecanus subaquatus* ♂ - 7.90, 16.08, 5.06 - "Kudluayū" June 11th 83
Rather in a small pool below village - testes well developed - eggs rather small - fat.
- 1454 " " ♂ - 8.80, 17.30, 5.13 " " "
- 1455 " " ♂ - 8.42, 17.28, 5.35 " " "
- 1456 " " ♀ - 7.90, 16.10, 5.13 " " "
- 1457 " " ♂ - 8.85, 17.00, 5.35 " " "
- 1458 " " ♂ - 8.60, 17.30, 5.10 " " "
- Picking singly or in small parties down towards Kuvov. Rather fat. Testes
fully enlarged. Largest eggs nearly full size.
- 1460 *Corvus branta* ♀ - 22.05, 45.80, 12.70 - "Kiglamū" June 10th 1883
- 1461 " " ♂ - 21.20, 47.00, 13.13 " " "
- 1462 *Pelecanus subaquatus* ♂ - 7.90, 16.10, 5.13 - "Kudluayū" June 11th 83
Rather in a small pool below village - testes well developed - eggs rather small - fat.
- 1463 *Phalaropus lobatus* ♀ - 6.91, 12.05, 3.85 - "Amaligobin" June 11th 83
Killed on nest of 4 eggs - left shells egg white - in oviduct.
- 1464 *Cygnus rufescens* ♂ - 8.35, 17.10, 5.40 "Kudluayū" } June 11th 83
- 1465 " " ♂ - 8.35, 17.10, 5.40 " " }
- 1466 " " ♂ - 8.35, 17.30, 5.32 " " }
- Killed near the cemetery - rather fat - testes fully developed.
- 1472 *Lamprolaima fischeri* ♀ - 20.65, 33.92, 10.20 - "Kikidagū" June 10th 83
Killed at head of spout water in company with 2 *S. spectabilis*. Rather fat - lar-
gest eggs sign of 103 shot. Iris white.
- 1474 *Cygnus rufescens* ♂ - 8.44, 17.10, 5.35 "Kudluayū" June 17th 83
Killed near good ponds - little fat.
- 1475 *Phalaropus lobatus* ♀ - 6.70, 12.20, 4.10 - "Amaligobin" June 18th 83
Single in nest of 4 eggs - bare belly - hardly fat - largest egg without shell in oviduct.
- 1479 *Colymbus septentrionalis* ♀ - 23.40, 44.60, 11.00 - "Kikidagū" June 18th 83
Fat - largest eggs sign of 103 shot.
- 1501 *Spermophilus parvidens* ♂ - 21.60, 39.80, 12.20 - "Kuvov" June 17th 83
Shot sitting on tundra above station - testes somewhat enlarged.
- 1502 *Cygnus rufescens* ♀ - 8.20, 16.80, 5.30 - "Kudluayū" June 20th 83
Shot having nest of 4 eggs close to station - fat.
- 1503 *Pelecanus maculatus* ♀ - 8.30, 16.08, 5.00 - "Kikidagū" June 20th 83
Shot having nest of 4 eggs - below village.
- 1504 *Pelecanus bairdi* ♀ - 7.60, 15.32, 5.00 - June 20th 83
Shot having nest of 4 eggs - below village.
- 1505 *Pelecanus bairdi* ♂ - 7.10, 15.18, 4.52 - June 20th 83
Shot out of small mixed flock of *Pelecanus* - testes well enlarged.

- 1506 *Anser albifrons gambeli* ♀ - 26.55, 36.20, 15.60 - "Nigliguwa" - June 17th 83
Shot by a native not far from the station above.
- 1509 *Phalaropus fulicarius* ♂ - 8.62, 16.83, 5.25 - "Sabran" - June 21st 83
Sitting on nest of 4 eggs! Crest station - fat - testis fully enlarged
- 1510 *Actodromas maculata* ♀ - 8.50, 16.40, 5.32 - "Kibowika" - June 21st 83
Sitting on nest of 4 eggs, near "good land" - fat.
- 1511 *Phalaropus fulicarius* ♀ - 6.58, 11.80, 4.02 - "Amaligabira" - June 22nd 83
Caught on nest of 4 fresh eggs - large yolk in oviduct
- 1513 *Sterna macrura* ♂ - 14.75, 30.55, 10.50 - "Wutakabin" - June 22nd 83
Shot flying over station - fat - testis not fully enlarged
- 1514 *Phalaropus fulicarius* ♂ - 8.65, 16.22, 5.08 - "Sabran" - June 22nd 83
Sitting on 4 eggs! fat - testis fully enlarged
- 1515 *Bonasa branta* ? - ♀ - 22.50, 45.30, 12.65 - "Nigliguwa" - June 27th 83
- 1516 " " ♂ - 23.30, 47.15, 13.12
- Pair killed at Murren - large eggs - testis apparently not fully enlarged - fat
- 1517 *Bonasa branta* ♂ - 25.20, 48.30, 13.83 - "Nigliguwa" - June 28th 83
Fat - testis fully enlarged.
- 1526 *Pelidna alpina americana* ♀ - 8.00, 15.03, 4.80 - "Kibowika" - June 28th 83
Fat mostly gone - sitting on nest of 4 eggs - breast & bill, ovary bare - large sign of 1st stage.
- 1531 *Polystictus stellatus* ♂ - 18.20, 28.57, 8.20 - "Kigligukli" - June 28th 83
Killed in small pond close to station - rather fat - testis not much enlarged
- 1532 *Pelidna alpina americana* ♂ - 7.83, 15.02, 4.81 - "Kibowika" - June 28th 83
Sitting on nest of 4 fresh eggs - in grassy spot near pond on black tundra - testis enlarged but bare
- 1533 *Phalaropus fulicarius* ♂ - 8.20, 16.55, 5.35 - "Sabran" - June 28th 83
Sitting on nest of 4 nearly fresh eggs - in grassy sedge on black tundra - testis enlarged but bare
- 1534 *Sterna macrura* ♀ - 13.90, 10.70, 3.56 - "Kisandiga" - June 28th 83
Sitting on nest of 3 fresh eggs back of observatory - small yolk only in ovary
- 1537 *Sterna spectabilis* ♀ - 21.67, 37.50, 11.01 - "An-nu-bra" - June 28th 83
Brought in with nest of 4 eggs by native - fat - large yolk in ovary
- 1538 *Grus fraterculus* ♂ - 35.18, 68.11, 17.68 - "Kilidrigu" - June 28th 83
Shot down towards Murren - one of a pair - testis somewhat enlarged
- 1539 *Lophortyx fuscus* ♀ - 20.30, 37.50, 11.00 - "Lukglulu" - June 29th 83
Shot back of hall legs on one of 2 pairs in small pond - complete eggs in oviduct.
- 1542 *Sterna macrura* ♂ - 14.78, 29.20, 10.00 - "Uteputaki" - June 29th 83
Shot up the beach - little fat - testis enlarged
- 1543 *Sterna macrura* ♀ - 13.57, 29.20, 10.43 - "Uteputaki" - June 29th 83
Shot flying over station - little fat - large egg sign of 1st stage

- 1544 *Pelidna alpina americana* ♂ - 8.10, 15.60, 5.10 - "Kibowika" - June 29th 83
Sitting on nest of 4 eggs - testis enlarged - little fat.
- 1545 *Charadrius dominicus* ♀ - 10.65, 23.60, 7.50 - "Ludlow" - June 29th 83
Sitting on nest of 4 eggs - ovary eggs large sign of 1st stage - little fat.
- 1548 *Macrorhamphus griseus* perlopaunt ♂ - 11.02, 18.80, 5.72 - June 29th 83
- 1549 " " ♀ - 11.85, 19.80, 5.94 - June 29th 83
- Pair killed together feeding at edge of pond on "black tundra" - testis slightly enlarged but bare
- 1550 *Sterna macrura* ♂ - 14.90, 31.18, 11.00 - "Uteputaki" - June 28th 83
One of a pair flying towards Point Barrow. Testis slightly enlarged
- 1551 *Charadrius dominicus* ♀ - 10.62, 23.50, 7.55 - "Ludlow" - June 28th 83
One of pair at nest of 4 well incubated eggs - has been sitting
- 1552 *Charadrius dominicus* ♂ - 10.65, 23.00, 7.15 - June 28th 83
Sitting on nest of 4 well incubated eggs
- 1553 *Charadrius dominicus* ♂ - 10.55, 22.70, 7.39 - June 28th 83
Brought in by boy with nest of 4 eggs - breast bare.
- 1554 *Charadrius dominicus* ♂ - 11.00, 24.05, 7.80 - June 28th 83
Brought in by boy with nest of 3 eggs - breast bare.
- 1555 *Actodromas maculata* ♀ - 8.28, 16.43, 5.25 - "Kibowika" - June 28th 83
Sitting on nest of 4 eggs
- 1556 *Actodromas maculata* ♀ - 8.54, 15.97, 5.03 - June 28th 83
Sitting on nest of 3 eggs
- 1557 *Phalaropus fulicarius* ♂ - 8.93, 16.60, 5.32 - "Sabran" - June 28th 83
Shot sitting on nest of 3 eggs with incubation
- 1558 *Phalaropus fulicarius* ♂ - 8.70, 16.72, 5.20 - June 28th 83
Shot sitting on nest of 3 eggs - nearly fresh - breast bare.
- 1568 *Cygnus cygnus* ♀ - 7.90, 14.62, 5.08 - "Kudluagut" - June 29th 83
Shot on nest of four eggs near station
- 1569 *Pelidna alpina americana* ♂ - 8.25, 14.90, 4.65 - "Kibowika" - June 29th 83
Brought in for salt water eggs - breast bare
- 1570 *Actodromas maculata* ♀ - 8.50, 16.16, 5.35 - "Kibowika" - June 29th 83
- 1572 " " ♀ - 8.25, 16.00, 5.05 - " " 28th 83
- 1573 " " ♀ - 8.75, 16.80, 5.28 - " " 28th 83
- All brought in with eggs, breast bare
- 1591 { *Charadrius dominicus* ♀ - 10.28, 22.65, 7.20 } - "Ludlow" - July 1st 83
" " ♂ - 10.50, 23.05, 7.40 }
- Pair with bare breasts sitting on nest of four eggs
- 1592 *Charadrius dominicus* ♀ - 10.75, 23.62, 7.57 - July 1st 83
Sitting on 4 eggs brought in for sale.

- 1600 *Actodromas baiki* - ♀ 7.60, 15.19, 4.95 - July 22nd '83
Brought in with one egg - breast bare - ovaries little developed.
- 1601 *Charadrius dominicus* ♂ 10.22, 22.45, 7.40 - Tucklin July 22nd '83
Brought in with nest of 4 eggs - sitting - breast bare - testis diminishing
- 1602 *Charadrius dominicus* ♀ 10.30, 23.02, 7.30, Tucklin July 3rd '83
Brought in with nest of 3 eggs - sitting - breast bare - egg waiting in ovary
- 1603 *Actodromas maculata* ♀ - 8.25, 16.05, 5.23 - "Nadhuayn" July 3rd '83
- 1604 *Myiagrus infuscus* ♀ - 7.80, 16.20, 5.08 - "Nadhuayn" July 3rd '83
Both sitting on full set of eggs - ovaries as in 1602
- 1605 *Somatia v. nigr* ♂ - not measured - "Amulim" May '83
Shot during the spring flight & ^{skipped} by Maxfield July 3rd
- 1540 *Somatia struthalis* ♀ - 21.00, 38.62, 11.15 - "Amulim" - June 26th '83
Sitting on nest of 7 eggs - breast plucked but very fat
- 1590 *Colymbus septentrionalis* ♀ - 24.80, 40.85, 10.60 - Kakesaw - July 1st '83
Brought in with 2 eggs
- 1616 *Charadrius dominicus* ♀ - 10.85, 23.70, 7.70 Tucklin July 3rd '83
- 1617 " " ♀ - 10.52, 23.80, 7.86 " " 4th "
- Both sitting on nests of four eggs - atrophied yolk in ovaries.
- 1618 *Stercorarius pomatorhinus* ♂ - 21.55, 37.20, 14.50 - "Sewin" June 27th '83
Shot sitting at edge of timber hole - testis enlarged & black.
- 1619 *Actodromas fuscicollis* ♂ - 7.10, 14.70, 4.75 - "Kainioah" July 3rd '83
Taken on "black thunder" feeding among pools. testis enlarged.
- 1622 *Charadrius dominicus* ♂ - 10.50, 23.80, 7.50 } Tucklin July 3rd '83
" " ♀ - 10.50, 24.00, 7.50 }
- Pair sitting on nest of 4 eggs - breast of both bare - moulting
- 1645 *Polysticta stiller* ♂ - 18.90, 30.00, 8.30
- 1646 " " ♂ - 18.60, 29.72, 8.45
- 1647 " " ♀ - 18.80, 30.60, 8.80 } "Kikawaka" July 3rd '83
- 1648 " " ♀ - 18.30, 29.72, 8.55
- 1649 " " ♀ - 18.00, 29.15, 8.35
- A whole flock taken with one shot in a pool on the black thunder - very tame - moulting & has apparently bred - atrophied yolk in ovaries - testis enlarged & not.
- 1641 *Charadrius dominicus* ♀ - 10.70, 23.30, 7.35 - Tucklin July 10th '83
Brought in with 3 eggs - nearly ready to hatch - moulting
- 1654 *Lagopus albus* ♂ - 16.25, 26.25, 7.95 - "Skudagim" July 10th '83
Brought in for sale - not fat - crop empty - testis rather large
- 1656 *Charadrius dominicus* ♀ - 10.80, 23.40, 7.50 - Tucklin - July 11th '83
Brought in for sale with nest of 4 eggs - breast bare - moulting - atrophied yolk

- 1658 *Lagopus albus* ♂ - 16.50, 26.10, 7.65 - Skudagim - July 10th '83
- Brought in with No 1654 - similar plumage
- 1659 *Stercorarius cupidatus* ♂ - 20.60, 44.00, 13.40 } "Sewin" - July 9th '83
- 1660 " " ♀ - 20.40, 43.38, 13.00 } July 6th '83
- Shot flying over the tundra - testis rather large - ovaries small
- 1661 *Somateria arctica* ♀ - 17.50, 31.70, 9.05 - "At-pa" July 7th '83
- Shot fishing at mouth of logrow - apparently has not bred this year
- 1662 *Colymbus auratus* ♀ - 24.80, 44.05, 11.05 - "Kakesaw" July 6th '83
- Brought in for sale - egg sign of BB etc. - no fat
- 1663 *Colymbus auratus* ♀ - 24.55, 44.28, 10.55, Kakesaw July 7th '83
- No fat - has apparently bred
- 1665 *Polysticta stiller* ♂ - 18.70, 29.55, 8.45 - "Igrikawaka" July 13th '83
- Brought in for sale from Igrikawaka - testis small, rather fat.
- 1666 *Colymbus auratus* ♀ - 33.85, 54.30, 15.85 } "Tucklin" July 6th '83
- 1667 " " ♂ - 34.75, 62.45, 16.05 } July 7th '83
- Brought in for sale - has apparently bred. Shot during incubation at house of logrow - rather fat
- 1668 *Polysticta stiller* ♀ - 18.80, 30.20, 8.90 } "Igrikawaka" July 13th '83
- 1669 " " ♀ - 18.45, 29.65, 8.80 }
- Shot out of small flock, back of Igrikawaka - has apparently bred - mostly - not fat.
- 1670 *Lagopus lagopus* ♀ - 14.00, 24.02, 7.10, Skudagim - July 10th '83
- Killed near Kuvawon - has been - breast bare - new feathers growing - no fat.
- 1671 *Phalaropus lobatus* ♂ - 6.75, 12.80, 4.18 - Amuliga - July 19th '83
- From banks below village - no fat. Young of the year - wing not fully grown.
- 1673 *Phalaropus lobatus* ♂ - 5.55, 10.20, 3.00 - Amuliga - July 19th '83
- Below station - rather fat - young with moulting - wings & testis about half grown
- 1674 *Centropus lapponeus* ♂ - 5.50, 10.00, 3.00 - Amuliga - July 20th '83
- Below station - moulting - testis very small - testis small.
- 1675 *Centropus lapponeus* ♂ - 4.65, 9.00, 2.50 - Amuliga - July 21st '83
- Caught below village - young of year
- 1676 *Stercorarius pomatorhinus* ♂ - 20.05, 39.15, 11.85, "Sewin" - July 19th '83
- Shot above station - muscles somewhat moulting from below - but some fat.
- 1680 *Nyctea scandiaca* ♂ - 22.50, 59.35, 15.90 - Ukpeik - July 10th '83
- Shot above station - moulting - some fat.
- 1681 *Phalaropus lobatus* ♀ - 6.35, 11.30, 3.95 - Amuliga - July 24th '83
- Killed at village - has finished moulting - breast bare.
- 1682 *Centropus lapponeus* ♂ - 6.40, 11.50, 3.70, Amuliga - July 24th '83
- Killed near village - young of the year.

- 1683 *Centropomus lapponeus* ♂ - 6.50, 11.40, 3.62 }
 1684 " " ♀ 6.50, 11.50, 3.70 } Kuaudiga July 27th '83
 1685 " " ♀ 6.10, 10.90, 3.57 }

Killer at N. near village all young of the year.

- 1686 *Platypharus nuchis* ♀ 6.10, 11.10, 3.50 young of year
 1687 " " ♂ 6.00, 11.20, 3.50 " "
 1688 " " ♀ 6.38, 11.88, 3.72 " "
 1689 " " ♂ 6.30, 10.70, 3.15 " "
 1690 " " ♂ 6.92, 12.65, 4.75 " "
 1691 " " ♀ 6.50, 11.20, 3.78 young of year July 26th '83

X Taken at N. near village

- 1692 *Centropomus lapponeus* ♂ - 6.50, 10.20, 3.10 mostly Kuaudiga July 26th '83
 1693 " " ♀ - 6.40, 11.00, 3.65 young of year " " 28th '83

Taken at village

- 1698 *Stafila acuta* ♂ 24.80, 35.30, 9.80 - Dorwigu - July 25th '83

Brought in for Salomon near Imukpim - rather fat

- 1699 *Stecorarius cupedatus* ♂ 17.70, 42.95, 12.93 - Dorwigu July 29th '83

One of 2 flying over Tidurau - quite fat

- 1700 *Polystictus stellatus* ♀ 18.30, 29.10, 8.20 - Igrikankto - July 26th '83

One of large 'bird' off station - galled stuff with Lophyrus worms

- 1701 *Colymbus septentrionalis* ♂ 28.12, 42.80, 11.10 - 'Käksau' July 16th '83

Shot at mouth of our lagoon

- 1702 *Colymbus arcticus* ♂ - 24.60, 44.20, 15.50, 'Käksau' July 25th '83

Shot almost off station

- 1703 *Polystictus stellatus* ♀ 18.60, 29.45, 8.15, Igrikankto July 29th '83

Like 1700 - some flesh

- 1704 *Remataea spectabilis* ♂ 23.00, 35.10, 11.00

- 1705 " " ♂ 22.72, 35.80, 10.70 } Utiqalik, July 20th '83

- 1706 " " ♂ 23.00, 39.10, 11.60 }

All 'transition' birds from the flight feathered Bergian

- 1707 *Larus glaucus* ♂ - 27.30, 39.90, 18.00 - Nauyiu - July 26th '83

Shot off station

- 1708 *Colymbus auratus* ♀ - 33.00, 39.15, 15.05 - 'Inuk' July 30th '83

Shot flying near station - rather fat

- 1760 *Stura macrura* ♂ 10.26, 24.90, 7.75 - Utiqalik - Aug. 1st '83

Young of the year

- 1782 *Stafila acuta* ♂ - 25.30, 37.32, 11.20, - Dorwigu, Aug. 1st '83

One of small flock in Tidurau - exceedingly fat.

- 1783 *Lamprolaima fischeri* ♀ - 16.20 }
 1784 " " ♀ - 16.20 } Tatalu - Aug. 24th '83
 1785 " " ♂ - 15.80 }

All 3rd fledged young - brought in by a boy.

Nothing beyond
 this point.
 Cur.